

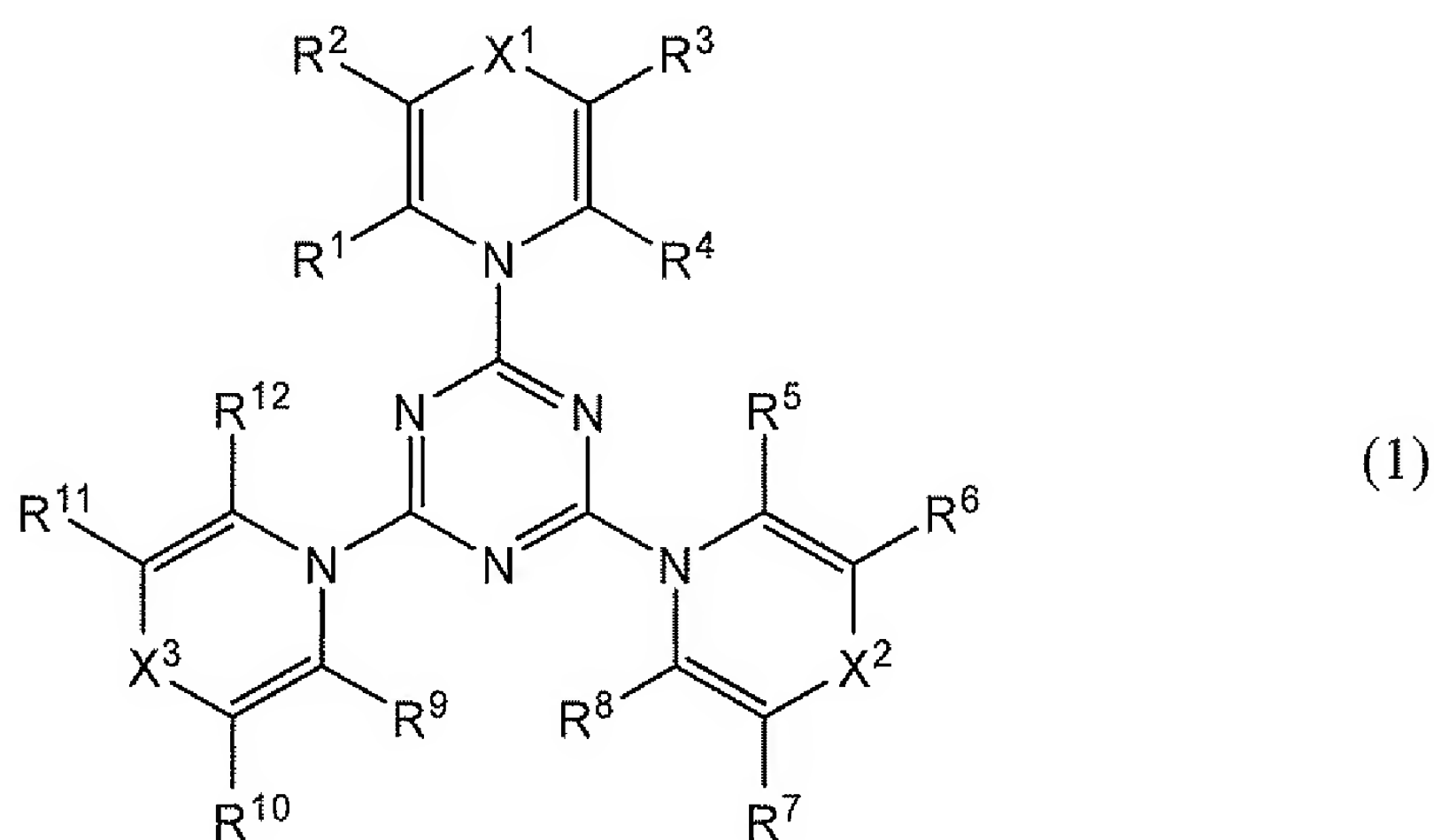
## IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A light emitting element comprising:

a pair of electrodes, and

a layer between the pair of electrodes, the layer containing ~~[[and]]~~ both a metal oxide and a triazine derivative represented by a general formula (1),



wherein;

~~in the general formula (1);~~  $R^1$  to  $R^{12}$  are ~~individually~~ independent, or ~~[[any]]~~ at least one of  $R^1$  and  $R^2$ ,  $R^3$  and  $R^4$ ,  $R^5$  and  $R^6$ ,  $R^7$  and  $R^8$ ,  $R^9$  and  $R^{10}$ , and  $R^{11}$  and  $R^{12}$  is bonded to form a ring~~[[,]]~~ selected from an aromatic ring, a heterocycle, and an alicycle which are unsubstituted or have an alkyl group having 1 to 6 carbon atoms; and

when  $R^1$  to  $R^{12}$  are ~~individually~~ independent,  $R^1$  to  $R^{12}$  are individually any one of hydrogen, an alkyl group having 1 to 6 carbon atoms, an alkoxy group having 1 to 6 carbon atoms, a halogen group, an acyl group having 1 to 6 carbon atoms, an alkoxycarbonyl group having 1 to 6 carbon atoms, an aryl group having 6 to 30 carbon atoms, ~~preferably 6 to 14 carbon atoms;~~ and a heteroaromatic group having 2 to 18

carbon atoms, and preferably 2 to 14 carbon atoms, the heteroaromatic group have a monocyclic structure of a 5-membered ring, a monocyclic structure of a 6-membered ring, a polycyclic structure containing any one of a 5-membered ring and a 6-membered ring, or a polycyclic structure containing both of a 5-membered ring and a 6-membered ring, and contains any one atom of nitrogen, oxide, and sulfur,

when any one of  $R^1$  and  $R^2$ ,  $R^3$  and  $R^4$ ,  $R^5$  and  $R^6$ ,  $R^7$  and  $R^8$ ,  $R^9$  and  $R^{10}$ , and  $R^{11}$  and  $R^{12}$  is bonded to form a ring, the ring is any one of an aromatic ring, a heterocycle and an alicycle,

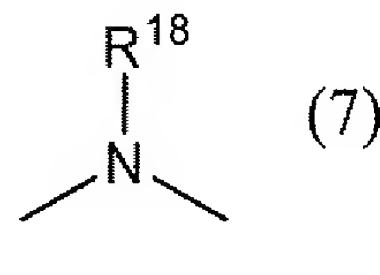
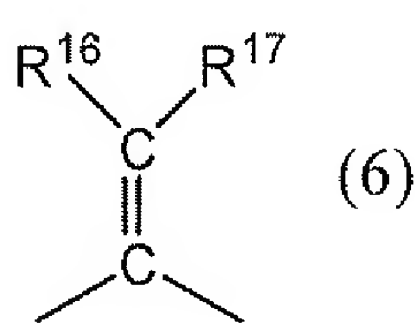
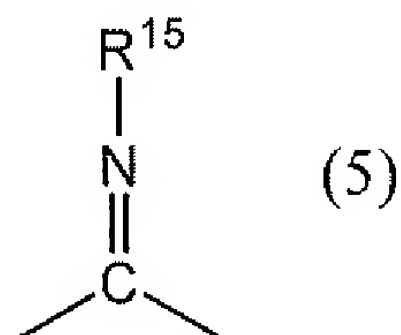
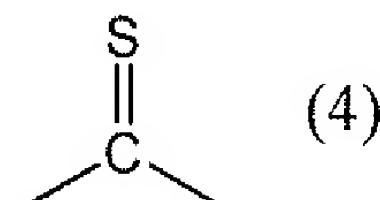
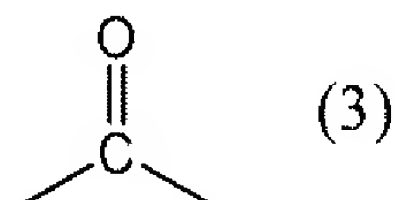
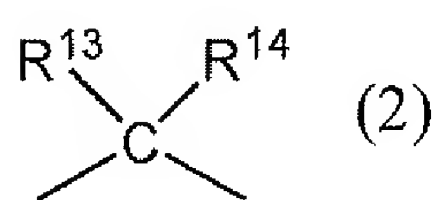
a bond of  $R^1$  and  $R^2$ , a bond of  $R^3$  and  $R^4$ , a bond of  $R^5$  and  $R^6$ , a bond of  $R^7$  and  $R^8$ , a bond of  $R^9$  and  $R^{10}$ , and a bond of  $R^{11}$  and  $R^{12}$  are individually independent,  $R^1$  and  $R^2$  is bonded to form any one of an aromatic ring, a heterocycle, and an alicycle, and  $R^3$  to  $R^{12}$  is individually hydrogen or a substituent,

the aromatic ring is condensed with another aromatic ring,

the aromatic ring, the heterocycle, and the alicycle individually have a substituent such as an oxo group and an alkyl group having 1 to 6 carbon atoms, and

wherein:

$X^1$ ,  $X^2$ , and  $X^3$  indicate individually any group of formulas (2) to (7)[[.]]



wherein, in the formula (2),  $R^{13}$  and  $R^{14}$  [[is]] are individually independent[[.]] or bonded to each other to form a ring, an alicycle having 3 to 10 carbon atoms:

when  $R^{13}$  and  $R^{14}$  are individually independent,  $R^{13}$  and  $R^{14}$  are individually any one of

selected from hydrogen, an alkyl group having 1 to 6 carbon atoms, an aryl group having 6 to 30 carbon atoms, preferably 6 to 14 carbon atoms, and a heteroaromatic group having 2 to 18 carbon atoms, preferably 2 to 10 carbon atoms;

~~in the formula (2), the aryl group and the heteroaromatic group individually have a substituent, the heteroaromatic group have a monocyclic structure of a 5-membered ring or a 6-membered ring, a polycyclic structure containing any one or both of a 5-membered ring and a 6-membered ring, and contains any one atom of nitrogen, oxide, and sulfur, and~~

~~when  $R^{13}$  and  $R^{14}$  are bonded to form a ring, the ring is an alicycle having 3 to 10 carbon atoms, preferably 6 carbon atoms,~~

~~wherein, in the formula (5),  $R^{15}$  is any one of hydrogen, an unsubstituted aryl group having 6 to 30 carbon atoms, and an aryl group having 6 to 30 carbon atoms which is substituted by a substituent selected from an alkyl group having 1 to 6 carbon atom, an acyl group having 1 to 6 carbon atoms, a halogen group, preferably 6 to 14 carbon atoms, and a heteroaromatic group having 2 to 18 carbon atoms; , preferably 2 to 10 carbon atoms,~~

~~in the formula (5), the aryl group may have one or two or more of substituents such as an alkyl group having 1 to 6 carbon atoms, an acyl group having 1 to 6 carbon atoms, a halogen group, and an oxo group, or may be unsubstituted,~~

~~and the heteroaromatic group have a monocyclic structure of a 5-membered ring, a monocyclic structure of a 6-membered ring, a polycyclic structure containing any one of a 5-membered ring and a 6-membered ring, or a polycyclic structure containing both of a 5-membered ring and a 6-membered ring, and contains any one atom of nitrogen, oxide, and sulfur,~~

~~wherein in the formula (6),  $R^{16}$  and  $R^{17}$  are individually independent, and any one of selected from hydrogen, an unsubstituted aryl group having 6 to 30 carbon atoms, and an aryl group having 6 to 30 carbon atoms which is substituted by a substituent selected from an alkyl group having 1 to 6 carbon atoms, a~~

halogen group, an aryl group having 6 to 30 carbon atoms, a heteroaromatic group having 2 to 18 carbon atoms, preferably 2 to 10 carbon atoms, and a cyano group[[,]]; and

~~in the formula (6), the aryl group have one or more of substituents such as an alkyl group having 1 to 6 carbon atoms, a halogen group, and an aryl group having 6 to 30 carbon atoms, preferably 6 to 14 carbon atoms, or be unsubstituted; and~~

~~the heteroaromatic group ave a monocyclic structure of a 5-membered ring, a monocyclic structure of a 6-membered ring, a polycyclic structure containing any one of a 5-membered ring and a 6-membered ring, or a polycyclic structure containing both of a 5-membered ring and a 6-membered ring, and contains any one atom of nitrogen, oxide, and sulfur,~~

~~wherein, in the formula (7), R<sup>18</sup> is any one of hydrogen, an alkyl group having 1 to 6 carbon atoms, an unsubstituted aryl group having 6 to 30 carbon atoms, preferably 6 to 14 carbon atoms, an aryl group having 6 to 30 carbon atoms which is substituted by a dialkylamino group, and a heteroaromatic group having 2 to 18 carbon atoms, preferably 2 to 10 carbon atoms,~~

~~in the formula (7), the aryl group ave a substituent such as a dialkylamino group, and~~

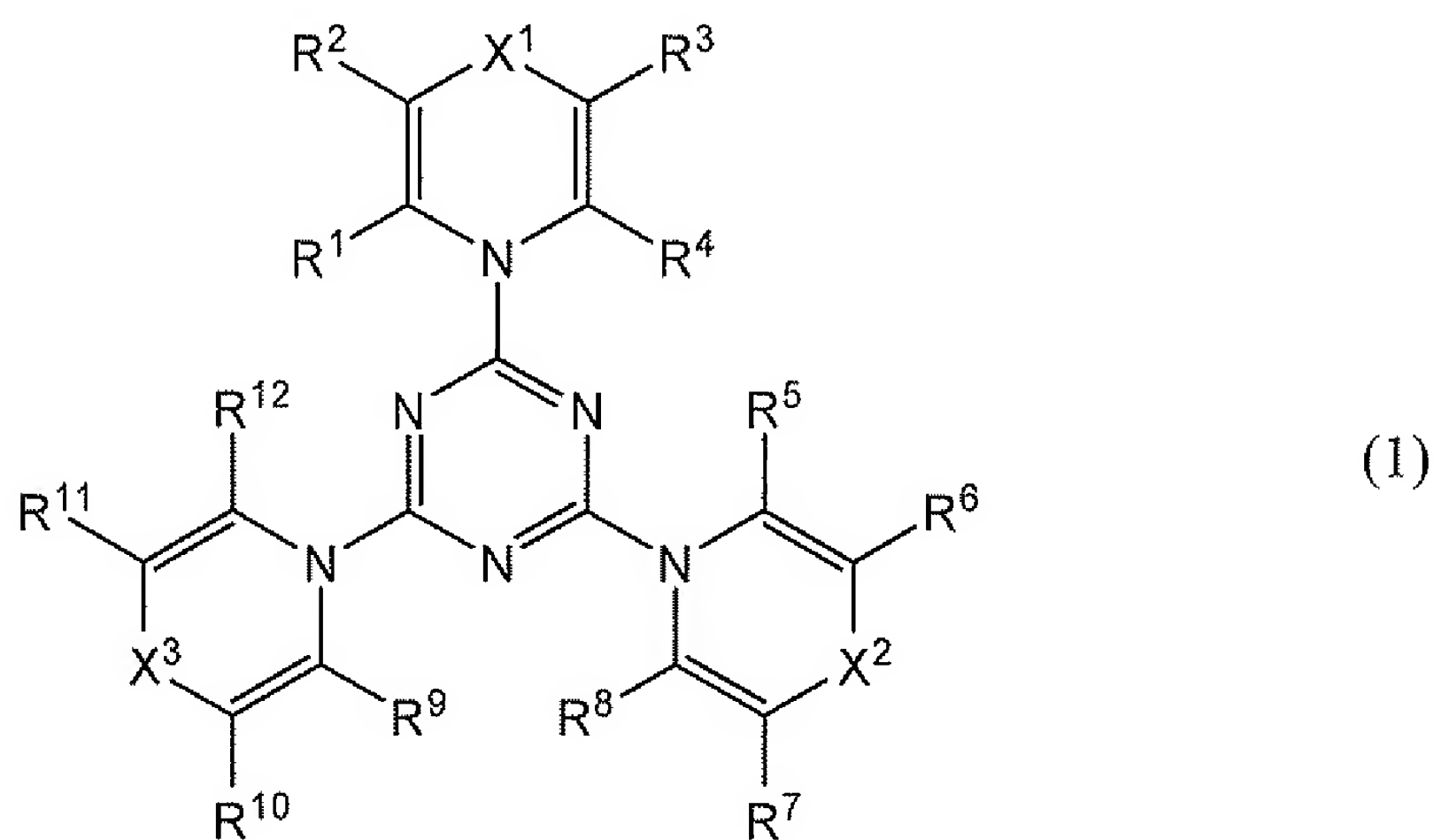
~~the heteroaromatic group have a monocyclic structure of a 5-membered ring, a monocyclic structure of a 6-membered ring, a polycyclic structure containing any one of a 5-membered ring and a 6-membered ring, or a polycyclic structure containing both of a 5-membered ring and a 6-membered ring, and contains any atom of nitrogen, oxide, and sulfur.~~

2. (Original) A light emitting element according to claim 1, wherein the metal oxide is a molybdenum oxide, a vanadium oxide, a titanium oxide, a lithium oxide, or a rhenium oxide.

3. (Original) A light emitting element according to claim 1, wherein the light emitting element includes a luminescent material having an emission wavelength in the bandwidth from 400 to 500 nm between

the pair of the electrodes.

4. (Currently Amended) A light emitting device comprising:  
a semiconductor layer[[]];  
a pair of electrodes provided over the semiconductor layer; and  
a first layer, a second layer, and a third layer provided in this order between the pair of the electrodes,  
wherein any one of the first layer to the third layer has a layer containing both a metal oxide and a triazine derivative represented by the general formula (1),



wherein;

~~in the general formula (1);~~  $R^1$  to  $R^{12}$  are individually independent, or any at least one of  $R^1$  and  $R^2$ ,  $R^3$  and  $R^4$ ,  $R^5$  and  $R^6$ ,  $R^7$  and  $R^8$ ,  $R^9$  and  $R^{10}$ , and  $R^{11}$  and  $R^{12}$  is bonded to form a ring[[]] selected from an aromatic ring, a heterocycle, and an alicycle which are unsubstituted or have an alkyl group having 1 to 6 carbon atoms; and

when  $R^1$  to  $R^{12}$  are ~~individually~~ independent,  $R^1$  to  $R^{12}$  are individually any one of hydrogen, an alkyl group having 1 to 6 carbon atoms, an alkoxy group having 1 to 6 carbon atoms, a halogen group, an acyl group having 1 to 6 carbon atoms, an alkoxycarbonyl group having 1 to 6 carbon atoms, an aryl group

having 6 to 30 carbon atoms, preferably 6 to 14 carbon atoms, and a heteroaromatic group having 2 to 18 carbon atoms, and preferably 2 to 14 carbon atoms, the heteroaromatic group have a monocyclic structure of a 5-membered ring, a monocyclic structure of a 6-membered ring, a polycyclic structure containing any one of a 5-membered ring and a 6-membered ring, or a polycyclic structure containing both of a 5-membered ring and a 6-membered ring, and contains any one atom of nitrogen, oxide, and sulfur,

when any one of  $R^1$  and  $R^2$ ,  $R^3$  and  $R^4$ ,  $R^5$  and  $R^6$ ,  $R^7$  and  $R^8$ ,  $R^9$  and  $R^{10}$ , and  $R^{11}$  and  $R^{12}$  is bonded to form a ring, the ring is any one of an aromatic ring, a heterocycle and an alicycle,

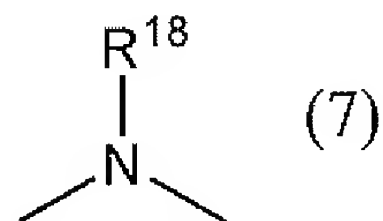
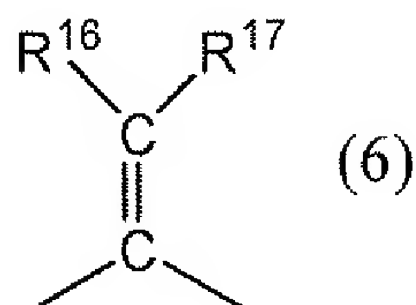
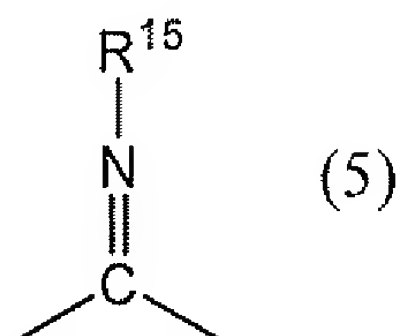
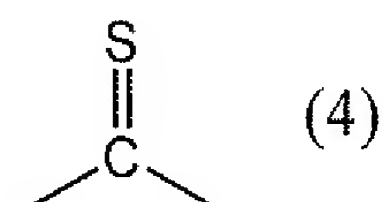
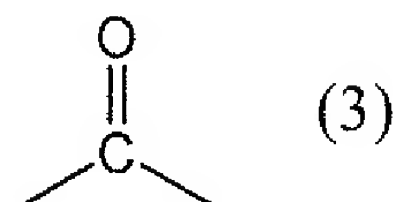
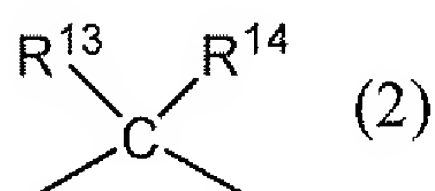
a bond of  $R^1$  and  $R^2$ , a bond of  $R^3$  and  $R^4$ , a bond of  $R^5$  and  $R^6$ , a bond of  $R^7$  and  $R^8$ , a bond of  $R^9$  and  $R^{10}$ , and a bond of  $R^{11}$  and  $R^{12}$  are individually independent,  $R^1$  and  $R^2$  is bonded to form any one of an aromatic ring, a heterocycle, and an alicycle, and  $R^3$  to  $R^{12}$  is individually hydrogen or a substituent,

the aromatic ring is condensed with another aromatic ring,

the aromatic ring, the heterocycle, and the alicycle individually have a substituent such as an oxo group and an alkyl group having 1 to 6 carbon atoms, and

wherein:

$X^1$ ,  $X^2$ , and  $X^3$  indicate individually any group of formulas (2) to (7)[[.]]



;

wherein, in the formula (2),  $R^{13}$  and  $R^{14}$  [[is]] are individually independent[[.]] or bonded to each other to form a ring, an alicycle having 3 to 10 carbon atoms;



when  $R^{13}$  and  $R^{14}$  are individually independent,  $R^{13}$  and  $R^{14}$  are individually any one of selected from hydrogen, an alkyl group having 1 to 6 carbon atoms, an aryl group having 6 to 30 carbon atoms, preferably 6 to 14 carbon atoms, and a heteroaromatic group having 2 to 18 carbon atoms, preferably 2 to 10 carbon atoms;

~~in the formula (2), the aryl group and the heteroaromatic group individually have a substituent,~~  
~~the heteroaromatic group have a monocyclic structure of a 5-membered ring or a 6-membered ring, a polycyclic structure containing any one or both of a 5-membered ring and a 6-membered ring, and contains any one atom of nitrogen, oxide, and sulfur, and~~

~~when  $R^{13}$  and  $R^{14}$  are bonded to form a ring, the ring is an alicycle having 3 to 10 carbon atoms, preferably 6 carbon atoms,~~

~~wherein, in the formula (5),~~  $R^{15}$  is any one of hydrogen, an unsubstituted aryl group having 6 to 30 carbon atoms, and an aryl group having 6 to 30 carbon atoms which is substituted by a substituent selected from an alkyl group having 1 to 6 carbon atom, an acyl group having 1 to 6 carbon atoms, a halogen group, preferably 6 to 14 carbon atoms, and a heteroaromatic group having 2 to 18 carbon atoms; , preferably 2 to 10 carbon atoms,

~~in the formula (5), the aryl group may have one or two or more of substituents such as an alkyl group having 1 to 6 carbon atoms, an acyl group having 1 to 6 carbon atoms, a halogen group, and an oxo group, or may be unsubstituted,~~

~~and the heteroaromatic group ave a monocyclic structure of a 5-membered ring, a monocyclic structure of a 6-membered ring, a polycyclic structure containing any one of a 5-membered ring and a 6-membered ring, or a polycyclic structure containing both of a 5-membered ring and a 6-membered ring, and contains any one atom of nitrogen, oxide, and sulfur,~~

~~wherein in the formula (6);  $R^{16}$  and  $R^{17}$  are individually independent, and any one of selected from hydrogen, an unsubstituted aryl group having 6 to 30 carbon atoms, and an aryl group having 6 to 30~~

carbon atoms which is substituted by a substituent selected from an alkyl group having 1 to 6 carbon atoms, a halogen group, an aryl group having 6 to 30 carbon atoms, a heteroaromatic group having 2 to 18 carbon atoms, preferably 2 to 10 carbon atoms, and a cyano group[[,]]; and

~~in the formula (6), the aryl group have one or more of substituents such as an alkyl group having 1 to 6 carbon atoms, a halogen group, and an aryl group having 6 to 30 carbon atoms, preferably 6 to 14 carbon atoms, or be unsubstituted, and~~

~~the heteroaromatic group ave a monocyclic structure of a 5-membered ring, a monocyclic structure of a 6-membered ring, a polycyclic structure containing any one of a 5-membered ring and a 6-membered ring, or a polycyclic structure containing both of a 5-membered ring and a 6-membered ring, and contains any one atom of nitrogen, oxide, and sulfur,~~

~~wherein, in the formula (7), R<sup>18</sup> is any one of hydrogen, an alkyl group having 1 to 6 carbon atoms, an unsubstituted aryl group having 6 to 30 carbon atoms, preferably 6 to 14 carbon atoms, an aryl group having 6 to 30 carbon atoms which is substituted by a dialkylamino group, and a heteroaromatic group having 2 to 18 carbon atoms, preferably 2 to 10 carbon atoms,~~

~~in the formula (7), the aryl group ave a substituent such as a dialkylamino group, and~~

~~the heteroaromatic group have a monocyclic structure of a 5-membered ring, a monocyclic structure of a 6-membered ring, a polycyclic structure containing any one of a 5-membered ring and a 6-membered ring, or a polycyclic structure containing both of a 5-membered ring and a 6-membered ring, and contains any atom of nitrogen, oxide, and sulfur.~~

5. (Original) A light emitting device according to claim 4, wherein the metal oxide is a molybdenum oxide, a vanadium oxide, a titanium oxide, a lithium oxide, or a rhenium oxide.

6. (Original) A light emitting device according to claim 4, wherein the light emitting element includes



a luminescent material having an emission wavelength in the bandwidth from 400 to 500 nm between the pair of the electrodes.

7. (New) A light emitting element according to claim 1, wherein the layer containing the triazine derivative and the metal oxide is in contact with one of the pair of electrodes.

8. (New) A light emitting device according to claim 4, wherein the one of the first layer to the third layer is in contact with one of the pair of electrodes.